

**California Code of Regulations**  
**Title 22. Social Security**  
**Division 9. Prehospital Emergency Medical Services**  
**Chapter 1.8. Training Standards and Utilization for Use of the Automated**  
**External Defibrillator by Non-Licensed or Non-Certified Personnel**

---

**Article 1. Definitions**

**§ 100031. AED Service Provider.**

"AED Service Provider" means any agency, business, organization or individual who purchases an AED for use in a medical emergency involving an unconscious, person who has no signs of circulation. This definition does not apply to individuals who have been prescribed an AED by a physician for use on a specifically identified individual.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code. Reference: Sections 1797.5, 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**§ 100031 100032. Authorized Individual.**

"Authorized individual" means any person, not otherwise licensed or certified to use the automated external defibrillator, who has met the training standards of this chapter, and who has been issued a prescription for use of an automated external defibrillator on a patient not specifically identified at the time the physician's prescription is given.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code. Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety Code, Section 1714.21, Civil Code.

**§ 100032 100033. Automated External Defibrillator.**

"Automated external defibrillator" or "AED" means an external defibrillator that after user activation is capable of cardiac rhythm analysis which and will charge and with or without further operator action, deliver a shock, either automatically or by user interaction, after electronically detecting and assessing ventricular fibrillation or rapid ventricular tachycardia. ~~These devices are known as fully or semi-automatic defibrillators.~~

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code. Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**§ 100033 100034. Cardiopulmonary Resuscitation.**

"Cardiopulmonary resuscitation" or "CPR" means a basic emergency procedure for life support, consisting of artificial respiration, and manual external cardiac massage, and maneuvers for relief of foreign body airway obstruction.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**§ ~~400034~~ 100035. Internal Emergency Response System.**

“Internal Emergency Response System” means a plan of action ~~and~~ which utilizes responders within a facility to activate the “9-1-1” emergency system, and which provides for the access, coordination, and management of immediate medical care to seriously ill or injured individuals.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**§ ~~400035~~ 100036. Prescribing Physician.**

“Prescribing physician” means a physician and surgeon, licensed in California, who issues a written order for the use of the automated external defibrillator to authorized individual(s), ~~and who develops, implements, and maintains the medical control provisions specified in this chapter.~~

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
Reference: Sections 1797.5 ~~and~~ 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**Article 2. General Training Provisions**

**§ ~~400036~~ 100037. Application and Scope.**

(a) Any physician and surgeon licensed in California may authorize an individual to apply and operate an AED on an unconscious ~~pulseless, patient who is apneic or has agonal respirations,~~ person who has no signs of circulation only if that authorized individual has been successfully trained according to the standards prescribed by this chapter.

(b) The training standards prescribed by this chapter shall not apply to licensed, certified or other prehospital emergency medical care personnel as defined by Section 1797.189 of the Health and Safety Code.

Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
Reference: Sections 1797.5, ~~and 1797.189~~, 1797.190, and 1797.196, Health and Safety Code. Section 1714.21, Civil Code.

**§ ~~100037~~. Eligibility for Training.**

~~An individual shall be eligible for the training prescribed in this chapter if the person has been trained in CPR, and has demonstrated proficiency in CPR practices to the satisfaction of the prescribing physician.~~

~~Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
Reference: Sections 1797.5 and 1797.190, Health and Safety Code.~~

1                   **Article 3. AED Training Program Requirements Standards**

2  
3                   **§ 100038. Required Hours and Topics.**

4                   (a) The AED training component shall comply with the American Heart  
5                   Association or American Red Cross standards. The training course shall consist  
6                   of not less than four (4) hours, presented in two (2) sessions, preferably over a  
7                   period of at least two days, and which shall include the following topics and skills:

8                   (1) basic CPR skills

9                   (4 2) proper use, maintenance and periodic inspection of the AED;

10                  (2 3) the importance of:

11                  (A) CPR,

12                  (B) defibrillation,

13                  (C) advanced life support,

14                  (D) adequate airway care, and

15                  (D) (E) internal emergency response system, if applicable;

16                  (3 4) overview of the local EMS system, including 9-1-1 access, and interaction  
17                  with EMS personnel;

18                  (4 5) assessment of an unconscious patient, to include evaluation of airway,  
19                  breathing and circulation, to determine if cardiac arrest has occurred and the  
20                  appropriateness of applying and activating an AED;

21                  (5 6) information relating to defibrillator safety precautions to enable the  
22                  individual to administer shock without jeopardizing the safety of the patient or the  
23                  authorized individual or other nearby persons to include, but not be limited to;

24                  (A) age and weight restrictions for use of the AED,

25                  (B) presence of water or liquid on or around the victim,

26                  (C) presence of transdermal medications, and

27                  (D) implantable pacemakers or automatic implantable cardioverter-defibrillators;

28                  (6 7) recognition that an electrical shock has been delivered to the patient and  
29                  that the defibrillator is no longer charged;

30                  (7 8) rapid, accurate assessment of the patient's post-shock status to determine  
31                  if further activation of the AED is necessary; and,

32                  (8 9) authorized individual's responsibility of for continuation of care, such as the  
33                  repeated shocks if necessary, and/or accompaniment to the hospital, if indicated,  
34                  or until the arrival of more medically qualified personnel.

35                  (b) The required hours for an AED training program can be reduced by no more  
36                  than two hours for students who can show they have been certified in a basic  
37                  CPR course in the past year and demonstrate to a qualified CPR instructor that  
38                  they are proficient in the current techniques of CPR.

39                  Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
40                  Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety  
41                  Code. Section 1714.21, Civil Code.

42  
43                  **§ 100039. Medical Director Requirements**

44                  Any AED training course for non-licensed or non-certified personnel shall have a  
45                  physician medical director who:

46                  (a) Meets the qualifications of a prescribing physician.

1 (b) Shall approve a process to ensure instructors are properly qualified to the  
2 AED instructor standards established by the American Heart Association or the  
3 American Red Cross and ensure that instructors are trained to the course  
4 content.

5 (c) Shall ensure that all courses meet the requirements of this chapter.

6 (d) May also serve as the "prescribing physician."

7 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.

8 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety  
9 Code. Section 1714.21, Civil Code.

## 11 **Article 4. Medical Control**

### 13 **§ 100039. Medical Control.**

14 ~~(a) Before prescribing and authorizing the use of AED, the prescribing physician~~  
15 ~~shall establish appropriate policies and procedures, which shall include:~~

16 ~~(1) A description of the utilization of the AED, including written medical protocols~~  
17 ~~which may include, but are not limited to, authorization of personnel, standing~~  
18 ~~orders and case by case reviews.~~

19 ~~(2) provisions to comply with any local EMS agency's policies and procedures;~~

20 ~~(3) a mechanism for the training and testing of the authorized individual in the~~  
21 ~~use of AED;~~

22 ~~(4) a mechanism that will assure the continued competency of the authorized~~  
23 ~~individual to include periodic training, and skill proficiency demonstrations at least~~  
24 ~~quarterly monitored by either the prescribing physician, or his/her designee~~  
25 ~~(which may be another authorized individual);~~

26 ~~(5) a method of medical control to include reviews of each incident of application~~  
27 ~~and the recording of such, either by means of magnetic tape or other suitable~~  
28 ~~storage; and,~~

29 ~~(6) the conditions for the rescission or termination of the authorization for the~~  
30 ~~utilization of the AED.~~

31 ~~Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.~~

32 ~~Reference: Sections 1797.5, and 1797.190, Health and Safety Code~~

### 34 **§ 100040. Testing.**

35 In order for an individual to be authorized to use the AED, the individual shall  
36 pass a written and skills examination, ~~to be determined by the prescribing~~  
37 ~~physician,~~ which tests the ability to assess and manage the specified conditions  
38 prescribed in Section 100038.

39 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.

40 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety  
41 Code. Section 1714.21, Civil Code.

### 43 **§ 100041. Written Validation.**

44 The prescribing physician shall issue to the authorized individual a written  
45 validation or other documented proof of the authorized individual's ability to use  
46 an AED. The requirements for a "Written Validation" and "Prescription for Use"

1 can both be satisfied by the issuance of a written certification card from an AED  
2 training program. The prescribing physician's signature shall be on file with the  
3 AED training program authorizing the issuance of the written certification card  
4 upon successful completion of the required training.

5 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
6 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety  
7 Code. Section 1714.21, Civil Code.

#### 8 9 **Article 4. Operational AED Service Provider/Vendor Requirements**

##### 10 11 **§100042. Operational Requirements.**

12 (a) An AED Service Provider shall ensure their internal AED programs include all  
13 of the following:

14 (1) Development of an Internal Emergency Response System which complies  
15 with the regulations contained in this Chapter.

16 (2) Notification of the local EMS agency of the existence, location and type of  
17 AED at the time it is acquired.

18 (3) That all applicable local EMS policies and procedures are followed.

19 (4) That expected AED users complete a training course in CPR and AED use  
20 that complies with requirements of this chapter and the standards of the  
21 American Heart Association or the American Red Cross.

22 (5) That the defibrillator is maintained and regularly tested according to the  
23 operation and maintenance guidelines set forth by the manufacturer, and  
24 according to any applicable rules and regulations set forth by the governmental  
25 authority under the federal Food and Drug Administration and any other  
26 applicable state and federal authority.

27 (6) That the defibrillator is checked for readiness after each use and at least once  
28 every 30 days if the AED has not been used in the previous 30 days. Records of  
29 these periodic checks shall be maintained.

30 (7) That a mechanism exists to ensure that any person, either an employee or  
31 agent of the AED service provider, or member of the general public who renders  
32 emergency care or treatment on a person in cardiac arrest by using the service  
33 provider's AED activates the emergency medical services system as soon as  
34 possible, and reports any use of the AED to the local EMS agency.

35 (8) That there is involvement of a California licensed physician and surgeon in  
36 developing an Internal Emergency Response System and to ensure compliance  
37 with these regulations and requirements for training, notification and  
38 maintenance.

39 (9) That a mechanism exists that will assure the continued competency of the  
40 authorized individuals in the AED Service Provider's employ to include periodic  
41 training and skills proficiency demonstrations.

42 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.  
43 Reference: Sections 1797.5, 1797.190, and 1797.196, Health and Safety Code.  
44 Section 1714.21, Civil Code.

1 **~~§100043. Course Completion by Challenge Examination.~~**

2 ~~Note: Authority Cited: Sections 1797.107, 1797.109, Health and Safety Code.~~

3 ~~Reference: Sections 1797.109, 1797.170, 1797.208 and 1797.210, Health and~~  
4 ~~Safety Code.~~

5  
6 **§100043. AED Vendor Requirements**

7 Any AED vendor who sells an AED to an AED Service Provider shall notify the  
8 AED Service Provider, at the time of purchase, both orally and in writing of the  
9 AED Service Provider's responsibility to comply with the regulations contained in  
10 this Chapter.

11 Note: Authority cited: Sections 1797.107 and 1797.190, Health and Safety Code.

12 Reference: Sections 1797.5 and 1797.190, and 1797.196, Health and Safety  
13 Code. Section 1714.21, Civil Code.